


Amendments to the Specification:

Please replace paragraph [0030] with the following amended paragraph:

 [0030] A more detailed description of the raw smoothness index calculation is now provided with reference to FIGS. 4 and 5. FIG. 4 depicts steps used in calculating the raw smoothness index (step 148). In step 180, a plurality of spatial gradients are derived from the L pixel values. Plot 300 of FIG. 5 depicts an illustrative example of L pixel values 302a, 302b, 302c, ..., 302x (referred to generally as 302) as a function of corresponding pixel position in a pixel line segment having graphical content. Plot 305 depicts the corresponding spatial gradients 307a, 307b, 307c, ..., 307x (referred to generally as 307) derived from plot 300. In one embodiment, each spatial gradient 307 is determined by subtracting a subsequent pixel value from the current pixel value. For example, the gradient for the first pixel in the line segment is the L value at point 302b minus the L value at point 302a. An illustrative example is provided in FIG. 5B for a pixel line segment having textual content. Plot 405 depicts the corresponding spatial gradients derived from plot 400. In an illustrative embodiment, the first statistical characteristic (l_1) of the plurality of spatial gradients calculated in step 185 is given by:

$$l_1 = \sum_1^N (\text{gradient } i^2) \quad (3)$$